

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO.: 108314	SERIAL NO.:
	APPLICANT: AKPORIAYE et al.	
	FILING DATE:	GROUP ART UNIT:

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/ASI/	5,304,354	4/94	Finley et al.	422	196	11/30/92
↓	5,489,726	2/96	Huss, Jr. et al.	585	671	4/26/94
↓	5,609,826	3/97	Cargill et al.	422	99	4/17/95
↓	5,612,002	3/97	Cody et al.	422	131	4/28/95
↓	5,746,982	5/98	Saneii et al.	422	134	2/29/96
↓	5,766,556	6/98	DeWitt et al.	422	131	12/31/96
↓	5,785,927	7/98	Scott et al.	422	104	10/24/96
/ASI/	5,792,431	8/98	Moore et al.	422	134	5/30/96

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	INT'L CLASS	TRANSLATION
/ASI/	WO96/11878-A1	4/96		Schultz et al.	CO1G 51.04	YES
↓	WO97/30784-A1	8/97		Gani et al.	BO1J 19/00, C07K 1/04	YES
↓	WO97/32208-A1	9/97		Willson	HO1J49/100	YES
↓	WO98/07026-A1	2/98		Windhab et al.	GO1N 31/10 25/22	YES
↓	WO98/36826-A1	8/98		Wendelbo et al.	IPC6:NBOIJF 3/00 C30B F29/34	YES
↓	WO99/19724-A1	4/99		Atkins et al.	GO1N 31/10	YES
/ASI/	WO99/34206-A1	7/99		Maier et al.	GO1N 33/10	YES

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/ASI/		Akporiaye, D. E.; Dahl, I. M.; Karlsson, A.; Wendelbo, R. <i>Angew Chem. Int. Ed.</i> 1998, 37, 609-611
↓		Holzwarth, A.; Schmidt, H.; Maier, W. F. <i>Angew. Chem. Int. Ed.</i> , 1998, 37, 2644-2647
↓		Bein, T. <i>Angew. Chem. Int. Ed.</i> , 1999, 38, 323-326
↓		Taylor, S. J.; Morken, J. P. <i>Science</i> , April 1998, 280(10), 267-270
↓		Senkam, S. M. <i>Nature</i> , July 1998, 384(23), 350-353
↓		Cong, P.; Doolen, R. D.; Fan, Q.; Giaquinta, D. M.; Guan, S.; McFarland, E. W.; Poojary, D. M.; Self, K.; Turner, H. W.; Weinberg, W. H. <i>Angew Chem. Int. Ed.</i> 1999, 38, 484-488
/ASI/		Klien, J.; Lehmann, C. W.; Schmidt, H.; Maier, W. F. <i>Angew Chem. Int. Ed.</i> 1998, 37, 3369-3372
EXAMINER /Arlen Soderquist/		DATE CONSIDERED 03/19/2007

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>	Complete if Known	
	Application Number	
	Filing Date	
	First Named Inventor	DUNCAN E. AKPORIAYE et al.
	Art Unit	
	Examiner Name	
	Attorney Docket Number	108314

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBL DATE	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/AS/	4,014,657	377	Gryaznov et al.	23	288R	5/25/72
↓	5,405,586	422	Koves	422	218	6/30/94
	6,063,633	5/00	Willson et al.	436	37	6/17/96
↓	6,342,185 B1	1/02	Dahl et al.	422	82.12	12/15/99
	6,576,196 B1	6/03	Akporiaye et al.	422	82.12	12/15/99
/AS/	6,368,865 B1	4/02	Dahl et al.	436	37	12/15/99

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	Class	TRANSLATION	
						YES	NO
/AS/	DE 198 09 477A1	9-16-99	Germany	Schuth	GO1N 31/10	X	
/AS/	WO 98/52685	11/26/98	PCT	Kayser	BO1J 19/00	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/AS/		Schoubye, Peter, <i>Journal of Catalysis</i> , 1969, 14, 238-216
/AS/		Rouco, A.J., <i>Journal of Catalysis</i> , 1995, 157, 380-387
/AS/		Johnson et al. <i>Industrial and Engineering Chemistry</i> , 1953, 45, 849-855,
EXAMINER	/Arlen Soderquist/	DATE CONSIDERED 03/23/2007

(Above references are attached hereto unless provided during the prosecution of parent application S.N. 09/464,313 filed 12/15/99)

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>	Complete if Known	
	Application Number	
	Filing Date	
	First Named Inventor	DUNCAN E. AKPORIAYE et al.
	Art Unit	
	Examiner Name	
	Attorney Docket Number	108314

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			P.H. Johnson et al Ind. Eng. Chem 1953, 45, 849-855
/AS/			C.J. Norton et al. Priprints 0- Am. Chem. Soc. Div. Petrol. Chem. 1964, 9, 129-138
/AS/			S. Hovmand et al, Trans. Inst. Chem. Eng. 1971, 49, 149-162
/AS/			J. M. Berty in "Applied Industrial Catalysts " Vol. 1, 1983, Academic Press: New York, pages 41-67
/AS/			R. Font et al, Ind. Eng. Chem. Prod. Res. Dev. 1986, 25, 491-496
/AS/			L. Garcia et al, Energy & Fuels 1998, 139-143
EXAMINER			DATE CONSIDERED
/Arlen Soderquist/			03/23/2007